

WHAT IS CLAIMED IS:

1. A low profile electrical connector comprising:

a shroud comprising opposed side walls configured to retain a plurality of contact pins; and

a skirt extending from an end of said side walls of said shroud, said skirt comprising a surface facing said shroud and a latch member extending from said surface.
2. An electrical connector in accordance with claim 1 wherein each of said side walls comprise a keying flange.
3. An electrical connector in accordance with claim 1 wherein each of said opposed side walls comprise a plurality of keying flanges, one of said opposed side walls having a greater number of keying flanges than the other.
4. An electrical connector in accordance with claim 1 wherein said shroud comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a direction of each of said longitudinal axis and said lateral axis.
5. An electrical connector in accordance with claim 1 wherein said shroud extends along a longitudinal axis, said latch member aligned on said skirt with said longitudinal axis.
6. An electrical connector in accordance with claim 1 wherein said skirt extends outwardly from said shroud in a direction substantially parallel to keying flanges extending from said shroud, said skirt resiliently engaging a cover of an electronic device when said connector is installed.
7. An electrical connector in accordance with claim 1 wherein said shroud is configured to receive a plurality of spring loaded pin contacts.

8. An electrical connector for a low profile electronic device having an outer surface, said connector comprising:

a shroud comprising opposed side walls configured to retain a plurality of contact pins, each of said side walls comprising a keying flange for installing said shroud to the outer surface; and

a skirt extending from an end of said side walls of said shroud in a direction substantially parallel to said keying flange, said skirt resiliently engaging the outer surface when said connector is installed.

9. An electrical connector in accordance with claim 8 wherein said skirt further comprises a surface facing said shroud and a latch member extending from said surface.

10. An electrical connector in accordance with claim 8 wherein said shroud extends along a longitudinal axis, said latch member aligned on said skirt with said longitudinal axis.

11. An electrical connector in accordance with claim 8 wherein each of said opposed side walls comprise a plurality of keying flanges, one of said opposed sides having a greater number of keying flanges than the other.

12. An electrical connector in accordance with claim 8 wherein said shroud comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a direction of each of said longitudinal axis and said lateral axis.

13. An electrical connector in accordance with claim 8 wherein said shroud is configured to receive a plurality of spring loaded pin contacts.

14. An electrical connector in accordance with claim 8 wherein said shroud is configured to receive a mating plug.

15. An electrical device comprising:

a circuit board;

an outer cover extending over said circuit board, said cover comprising an opening therein, said opening having a keyed contour;

an interface connector comprising a shroud configured to be inserted through the opening in said outer cover, said shroud configured to receive a mating plug and having a plurality of keying flanges corresponding to said keyed contour when said shroud is inserted through said cover, and a skirt extending outward from said cover and resting upon an outer surface of said cover when said shroud is inserted through said cover, said skirt and said flanges resiliently retaining said cover therebetween; and

a plurality of spring loaded pins received in said shroud and in electrical contact with said circuit board.

16. An electrical device in accordance with claim 15 wherein said skirt further comprises a surface facing said shroud and a latch member extending from said surface, said latch member preventing sliding movement of said connector relative to said housing to release said keying flanges from said keyed contour.

17. An electrical device in accordance with claim 15 wherein said shroud extends along a longitudinal axis, shroud further comprising a latch member aligned on said skirt with said longitudinal axis.

18. An electrical device in accordance with claim 15 wherein said shroud comprises opposed side walls, each of said side walls comprising a plurality of keying flanges, one of said opposed sides having a greater number of keying flanges than the other.

19. An electrical device in accordance with claim 15 wherein said shroud comprises a longitudinal axis and a lateral axis, said skirt extending outward from said shroud in a direction of each of said longitudinal axis and said lateral axis.

20. An electrical device in accordance with claim 15 wherein said shroud is configured to receive a plurality of spring loaded pin contacts, said spring loaded contacts electrically connected to said circuit board when said connector is installed.